

What is claimed is:

Sub 1. A positioning device for a miniature fan, comprising:

5 a coil seat including an axle tube, an upper polar plate assembly, a lower polar plate assembly, and a winding mounted between the upper polar plate assembly and the lower polar plate assembly, the lower polar plate assembly including an end edge, and

10 a circuit board mounted to the axle tube and including a sensor element adapted to activate a rotor, the sensor element being located on a vertical line extending from the end edge of the lower polar plate assembly along a direction parallel to a longitudinal axis of the axle tube.

2. The positioning device according to claim 1, wherein the coil seat has a first mark formed thereon, and the sensor element has a second mark formed thereon to be aligned with the first mark means so as to assure that the sensor element is located on the vertical line.

15 3. The positioning device according to claim 1, wherein the circuit board includes a notch defined therein for receiving the sensor element.

Sub 4. The positioning device according to claim 2, wherein the circuit board includes a third mark to be aligned with the first mark and the second mark to assure that the sensor element is located on the vertical line.

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